Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 25 Mar 2021 until 23:59 on Friday 26 Mar 2021

Forecast Issued on Wednesday 24 Mar 2021 at 13:50

Confidence: High confidence for a week of strong winds, often gale or severe gales and a temporary return of wintery conditions on Friday, yet becoming milder again later in the weekend. Less certainty for the timing of rain, sleet and snow and amounts expected.

Headline for Thursday 25 Mar 2021: Cloudy with outbreaks of rain in the afternoon, strong southwesterly winds continuing.

Mountain weather hazards on Thursday 25 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Drizzle	Fog	Cloudy	Light rain showers	Light rain showers	Light rain showers	Light rain showers (night)
Precipitation probability							
10%	30%	10%	10%	40%	40%	40%	40%

Forecast for Thursday 25 Mar 2021

Weather: Any rain clearing south and then mainly dry with a few clearer spells overnight. A cloudy start to the day but a few brighter or sunny spells breaking through for parts of the Yorkshire Dales especially in the south. Some outbreaks of showery rain pushing across the area by lunchtime and through the evening.

Chance of cloud free mountain/hill tops above 600m: 40%, best chance in the morning and for the more southerly hills with low cloud developing alongside rain in the middle of the day.

Visibility: Good visibility in the morning with good views for the early bird on the fell tops, however low cloud will form and spread east by late morning accompanying the rain. Cloud will become broken above 500m perhaps more scattered in the south of the Dales. Visibility will be moderate or poor for a time during the rainfall.

Forecast for Thursday 25 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/28 SW	16/23 SW	16/23 SW	18/27 SW	21/31 SW	20/31 SW	19/30 SW	20/31 S	22/34 S
300	13/26 SW	11/21 SW	9/18 SW	12/24 SW	14/28 SW	13/28 SW	12/27 SW	14/31 S	16/33 S
Valley	12/25 SW	9/19 SW	7/16 SW	11/22 SW	14/28 SW	13/28 SW	11/25 SW	13/29 S	14/30 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	3/-2	3/-2	4/-2	5/-1	5/-0	5/-0	4/-1	4/-2
300	6/2	5/2	5/2	6/3	7/4	7/4	7/4	6/3	6/2
Valley	7/4	7/4	6/4	8/5	9/5	9/6	8/6	8/5	7/4
Freezing Level*	1100m	1100m	1000m	1000m	1100m	1200m	1200m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong gusts likely on the tops during the afternoon with a significant wind chill.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 24 Mar 2021	2mm	2mm	2mm

Forecast for Friday 26 Mar 2021

Weather: Mainly dry overnight but a band of rain will cross the Yorkshire Dales after dawn marking a change to colder conditions, the rain will turn increasingly to sleet or snow to 500m. Becoming bright and breezy by late morning with a few brisk wintery showers and feeling cold on the hills.

Maximum wind: Southwesterly 20mph with gusts 30-35mph, possibly gales just before dawn.

Chance of cloud free mountain/hill tops above 600m: 40% at first with low cloud accompanying rainfall but soon improving to 80% with most low cloud clearing, just patches on the tops during showers.

Visibility: Initially low cloud will be extensive around 500m especially in the west but cloud will lift and clear quite well during the morning with visibility turning very good or excellent on the hills. Cloud will be patchy and shroud the tops from 600m in showers but these will move through quite swiftly in the brisk winds.

Temperature: **Valleys:** Plus 8 Celsius falling to 4 Celsius.
At 600m: Plus 3 falling to minus 1 Celsius.
Freezing level: 1000m falling to 500m.